

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1089	((transparent or platinum) near electrode) with pad	US-PGPUB; USPAT	OR	OFF	2011/08/27 12:29
L2	291008	(light near emitting near (device element diode))	US-PGPUB; USPAT	OR	ON	2011/08/27 12:29
L3	534	I1 and L2	US-PGPUB; USPAT	OR	ON	2011/08/27 12:29
L4	29	I3 and (surface near (roughness rough roughened))	US-PGPUB; USPAT	OR	ON	2011/08/27 12:29
L5	7	I4 and (@ad< "20040317" or @rlad< "20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 12:29
L6	25	((transparent near metal or platinum) near electrode) with pad	US-PGPUB; USPAT	OR	OFF	2011/08/27 12:33
L7	7	I5 and (@ad< "20040317" or @rlad< "20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 12:34
L8	45	((platinum or "pt") near electrode) with pad	US-PGPUB; USPAT	OR	OFF	2011/08/27 12:34
L9	7	I7 and (@ad< "20040317" or @rlad< "20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 12:34
L10	13323	((platinum or "pt") near electrode)	US-PGPUB; USPAT	OR	OFF	2011/08/27 12:36
L11	1176	I10 and L2	US-PGPUB; USPAT	OR	ON	2011/08/27 12:37
L12	181	I11 and (pad and wire)	US-PGPUB; USPAT	OR	ON	2011/08/27 12:37
L13	124	I12 and (@ad< "20040317" or @rlad< "20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 12:37
L14	42	I11 and (metal near pad and wire)	US-PGPUB; USPAT	OR	ON	2011/08/27 13:05
L15	26	I14 and (@ad< "20040317" or @rlad< "20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:05
L16	93	I11 and (pad with bond\$3)	US-PGPUB; USPAT	OR	ON	2011/08/27 13:07
L17	55	I16 and (@ad< "20040317" or @rlad< "20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:07
L18	45	I11 and (metal near pad)	US-PGPUB; USPAT	OR	ON	2011/08/27 13:14
L19	27	I18 and (@ad< "20040317" or @rlad< "20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:14

L20	70	((platinum or "pt") near8 electrode) with metal near4 pad	US-PGPUB; USPAT	OR	OFF	2011/08/27 13:19
L21	7	l2 and l20 and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:20
L22	448	257/98.cor. and (surface near (roughness rough roughened))	US-PGPUB; USPAT	OR	ON	2011/08/27 13:54
L23	94	l22 and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:55
L24	140	257/99.cor. and (surface near (roughness rough roughened))	US-PGPUB; USPAT	OR	ON	2011/08/27 13:55
L25	94	l23 and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:55
L26	124	257/100.cor. and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:55
L27	63	257/101.cor. and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:56
L28	51	257/102.cor. and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:56
L29	493	257/103.cor. and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:56
L30	264	257/e33.074.ccls. and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 13:57
L31	139	257/76.cor. and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 14:01
L32	477	257/77.cor. and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 14:01
L33	47	257/78.cor. and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/27 14:01
S1	0	(10/593088).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/25 17:45
S2	0	*10593088*	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 17:45

S3	0	10/593088	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 17:45
S4	2	"20010048113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 18:08
S5	2	"20030062530"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 18:47
S6	121	"6504180"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 18:50
S7	3	"6504180".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 18:50
S8	128	(ahmed near selim).xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 19:46
S9	23	S8 and LED	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 19:46
S10	1	("20050212002").PN. OR ("7632693").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/25 19:47
S11	291008	(light near emitting near (device element diode))	US-PGPUB; USPAT	OR	ON	2011/08/26 18:21
S12	12264	S11 and (surface near (roughness rough roughened))	US-PGPUB; USPAT	OR	ON	2011/08/26 18:21
S13	664	S11 and ((surface near (roughness rough roughened)) with (efficiency extraction))	US-PGPUB; USPAT	OR	ON	2011/08/26 18:22

S14	179	S13 and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/26 18:23
S15	34	("5040044"   "5429954"   "5693963"   "5792698"   "5898191"   "6051847"   "6091085"   "6265236"   "6277665"   "6339014").PN. OR ("6441403").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/26 18:41
S16	12	("20030057434"   "20030141507"   "20040012013"   "20040113166"   "20050087753"   "20050211995"   "20060267033"   "20070018182"   "6091085"   "6441403"   "6958493"). PN. OR ("7504667").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/26 18:44
S17	34	("5040044"   "5429954"   "5693963"   "5792698"   "5898191"   "6051847"   "6091085"   "6265236"   "6277665"   "6339014").PN. OR ("6441403").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/26 18:46
S18	12	("20020195609"   "20040124422"   "20060054907"   "20060081865"   "20060273333"   "20070029541"   "6171956"   "6441403"   "6514674"   "7075115"   "7187007"   "7294866").PN. OR ("7541206").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/26 18:48
S19	287	(surface near (roughness rough roughened)) with width with height	US-PGPUB; USPAT	OR	ON	2011/08/26 21:02
S20	291008	(light near emitting near (device element diode))	US-PGPUB; USPAT	OR	ON	2011/08/26 21:07
S21	44	S19 and S20	US-PGPUB; USPAT	OR	ON	2011/08/26 21:07
S22	14	S21 and (@ad<"20040317" or @rlad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/26 21:08
S23	20912	(roughness rough roughened) with metal	US-PGPUB; USPAT	OR	ON	2011/08/26 21:29
S24	0	(roughness rough roughened) with dposit\$3 near metal	US-PGPUB; USPAT	OR	ON	2011/08/26 21:29
S25	0	(roughness rough roughened) same dposit\$3 near metal	US-PGPUB; USPAT	OR	ON	2011/08/26 21:29

S26	802	(roughness rough roughened) with deposit\$3 near metal	US-PGPUB; USPAT	OR	ON	2011/08/26 21:30
S27	64	S20 and S26	US-PGPUB; USPAT	OR	ON	2011/08/26 21:30
S28	24	S27 and (@ad<"20040317" or @lad<"20040317")	US-PGPUB; USPAT	OR	ON	2011/08/26 21:30

8/27/2011 2:08:32 PM

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